

EURL news

News related to the EURL activities

Workshop for rabies 2015

The rabies EURL annual meeting gathered a total of 52 people. Many thanks and all our gratitude to our colleagues from the Croatian Veterinary Institute and to the Veterinary and Food Safety Directorate who made this event possible and successful. We also would like to warmly thank the European Commission and TAIEX for their support for travel and accommodation, as well as all the attendants and speakers for their contribution in this annual date. A Croatian veterinary newspaper article dedicated to this workshop is available [here](#). This meeting gave the opportunity of ([...Read more](#))

Annual inter-laboratory test for rabies diagnosis

A panel of 9 brain samples was sent on 1st June to 47 participating laboratories. Please do not forget to send back your results before 1st July and to fill in the online technical questionnaires. Should you encounter any problems with the reception of the parcel or with the application of the test, do not hesitate to contact us. We wish you all a good test!

News from laboratories

News related to the EURL for rabies laboratory network

Congratulations to Latvia!

The Self-declaration by Latvia of freedom from rabies submitted to the OIE on 8 December 2014 by Dr Maris Balodis, Delegate of Latvia to the OIE, Director General, Chief Veterinary Officer, Food and Veterinary Service, Ministry of Agriculture, Riga was recently published on the OIE bulletin No.2015-1. Latvia established a surveillance and eradication programme in wildlife and domestic animals as well as ([...Read more](#))

New Edition of the "OIE from A to Z"

[Relayed from the OIE]

The 2015 edition of the "[OIE from A to Z](#)" is already available. As usual, the "OIE A-Z 2015" can be found online, directly from the homepage of the [OIE website](#).

This new edition presents several novelties which will greatly facilitate your work as decision-makers in the field of animal health and welfare. All the chapters have been updated, and numerous interactive documents and links have been added. We invite you to explore this ([...Read more](#))

In the spotlight

Focuses on a specific event or presents a laboratory of the EURL network

Austrian National Reference Laboratory for Rabies

Since 2002 the Austrian NRL for Rabies is settled in the Austrian Agency for Health and Food Safety (AGES), Institute for Veterinary Disease Control (www.ages.at), the former Federal Institute for Veterinary Disease Control. The laboratory main task area is processing of diagnostic samples. It is the only laboratory in Austria performing diagnostic examinations on rabies; antigen- as well as antibody detection ([...Read more](#))

Agenda

Forthcoming events

2015

3-5 June	NEW	Ad hoc Group on Vaccine Banks, Paris (France)
9-11 June		Pan-African Rabies Conference (GARC and PARaCON), Johannesburg (South Africa)
8-10 July		Infectious Diseases World Summit 2015, Boston, MA (USA)
26-30 July	NEW	64th Annual international conference of the Wildlife Disease Association, Queensland, Australia.
9-14 August	NEW	20th International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology (VEME) St. Augustine, Trinidad and Tobago
14-17 August		3rd International Southeast Asian Bat Conference, Sarawak (Malaysia)
18-20 August		World Congress and Expo on Applied Microbiology, Frankfurt, (Germany)
24-26 August		ICEID - International Conference on Emerging Infectious Diseases, Atlanta, GA, (USA)
29-30 August	NEW	19th International Bat Night
31 Aug.-2 Sept.	NEW	6th Annual World Congress of Virus and Infections (WCVI-2015), Shanghai (China)
31 Aug.-2 Sept.		OMICS Group Global American Veterinary Summit, Florida (USA)
31 Aug.-3 Sept.		Xth International Congress of Veterinary Virology (ESVV), Montpellier, (France)
10-12 Sept.	NEW	25th Annual Congress of The European College of Veterinary Internal Medicine (ECVIM-CA 2015), Lisbon (Portugal)
13-17 Sept.		32e Global veterinary Congress, Istanbul (Turkey)
28 September		World Rabies Day 2015
28-30 Sept.		Annual Conference of the German Genetics Society, Kiel University, (Germany)
4-7 October	NEW	3rd GRF One Health Summit 2015 - Fostering interdisciplinary collaboration for global public and animal health, Davos (Switzerland)
4-8 October		26th International Conference on Rabies in the Americas (RITA), Fort Collins, Co., (USA)
5-9 October	NEW	WAHIS Unique Global Training, Paris (France)
15-17 October	NEW	21st FECAVA EuroCongress 2015, Barcelona (Spain)
26 Oct.-7 Nov.	NEW	Workshop on surveillance and control of rabies, Phnom Penh (Cambodia)
November		11th REMESA Joint Permanent Committee meeting, (Algeria)
23-27 November	NEW	Regional Seminar for OIE National Focal Points on Veterinary Laboratories
10-11 Dec.		Global Rabies Conference (FAO, GARC, OIE, WHO), Geneva, (Switzerland)
12-13 Dec.	NEW	VI annual meeting of the Portuguese College of Veterinarians, Lisbon (Portugal)

Rabies notifications

05 May 2015 ★ Slovakia

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=17660

21 May 2015 ★ Israel

<http://news.walla.co.il/item/2856248>

<http://www.jpost.com/Business-and-Innovation/Health-and-Science/Health-Ministry-issues-alert-about-well-traveled-dog-that-bit-a-woman-and-died-of-rabies-403675>

22 May 2015 ★ France

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=17787

Ec.europa.eu website - Rabies notifications

(Total cases of rabies reported in Europe from 01/01/2015 to 26/05/2015)

http://ec.europa.eu/food/animal/diseases/adns/adns_outbreaks_per_disease_en.pdf (This link is also valid for other diseases).

Rabies publications

A selection of publications on rabies, diagnosis, virology and vaccinology.

Animal and human rabies

Rabies confirmed in an illegally imported dog in France.

Anonyme, Vet. Rec., 2015, 176, p 558.

<http://veterinaryrecord.bmj.com/content/176/22/558.2.full>

Customized online and onsite training for rabies control officers in low-income countries.

Bourhy H. et al., Bull. WHO, 2015, sous presse.

http://www.who.int/bulletin/online_first/BLT.14.149849.pdf?ua=1

Modeling the geographic spread of rabies in China.

Chen J. et al., PLoS Negl. Trop. Dis., 2015, 9, n°5, e0003772.

<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003772>

Rabies post-exposure prophylaxis is not indicated following fox-related injuries occurring in France.

Gautret P. et al., Zoon. Public Health, 2015, sous presse.

<http://onlinelibrary.wiley.com/doi/10.1111/zph.12137/full>

The science of rabies in tropical regions: From epidemiological pandemonium to prevention.

Gundamaraju R. et al., Front. Life Sci., 2015, sous presse.

<http://www.tandfonline.com/doi/full/10.1080/21553769.2015.1041186#abstract>

Correction: Estimating the global burden of endemic canine rabies.

Hampson K. et al., PLoS Negl Trop Dis 9(5): e0003786. doi:10.1371/journal.pntd.0003786

<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003786>

Pituitary cachexia after rabies encephalitis.

Kumar K.V.S.H. et al., Neurol. India, 2015, 63, pp 255-256.

<http://www.neurologyindia.com/article.asp?issn=0028-3886;year=2015;volume=63;issue=2;spage=255;epage=256;aualast=Kumar>

Rabies kills 59 000 people worldwide each year, study estimates.

McCarthy M., BMJ, 2015, 350.

<http://www.bmj.com/content/350/bmj.h2189.long>

Community rabies knowledge and pet vaccination practices after a skunk rabies outbreak in Eddy County, New Mexico.

McNeil C.S. et al., J. Am. Vet. Med. Ass., 2015, 246, n°11, pp 1242-1247.

<http://avmajournals.avma.org/doi/abs/10.2460/javma.246.11.1242>

Spatiotemporal distribution of rabies in Arctic foxes in Greenland.

Raundrup K. et al., Eur. J. Wildl. Res., 2015, sous presse.

<http://rd.springer.com/article/10.1007%2Fs10344-015-0917-5>

Diagnosis, virology and vaccinology

Comparative costs of the mouse inoculation test (MIT) and virus isolation in cell culture (VICC) for use in rabies diagnosis in Brazil.

Bones V.C. et al., ATLA, 2015, 43, n°2, pp 81-87.

<http://europepmc.org/abstract/med/25995011>

Attenuated rabies virus promotes CNS immune infiltration and tumor necrosis in a mouse model of glioma (TUM10P.1059).

Bongiorno E. et al., J. Immunol., 2015, 194

http://www.jimmunol.org/content/194/1_Supplement/211.40.short

Immunogenicity and feasibility of intradermal vaccination against rabies in Quebec.

Bui Y. et al., Can. Comm. Dis. Rep., 2015, 41, n°3, pp 55-62.

<http://search.proquest.com/openview/63c1648abd85bd507a4f27d48d8cded7/1?pq-origsite=gscholar>

Virology, immunology and pathology of human rabies during treatment.

Caicedo Y. et al., Pediatr. Infect. Dis. J. , 2015, 34, n°5, pp 520-528.

<http://www.ncbi.nlm.nih.gov/pubmed/25405805>

Comparison of safety and immunogenicity of PVRV and PCECV immunized in patients with WHO category II animal exposure: A study based on different age groups.

Fang Y. et al., PLoS Negl. Trop. Dis., 2014, 8, n°12, e3412.

<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003412>

Monosynaptic tracing using modified rabies virus reveals early and extensive circuit integration of human embryonic stem cell-derived neurons.

Grealish S. et al., Stem Cell Rep., 2015, sous presse.

<http://www.sciencedirect.com/science/article/pii/S221367111500123X>

Fatal rabies case did not die “accidentally” and should not be considered a rabies survivor.

Jackson A.C. et al., Pediatr. Infect. Dis. J. , 2015, 34, n°6, pp 677-678.

<http://192.168.10.11/Record.htm?idlist=4&record=19296291124910144739>

Diabolical effects of rabies encephalitis.

Jackson A.C., J. Neurovirol., 2015, sous presse.

<http://rd.springer.com/article/10.1007/s13365-015-0351-1#>

Evaluation of rabies immunogenicity and tolerability following a purified chick embryo cell rabies vaccine administered concomitantly with a Japanese encephalitis vaccine.

Jelinek T. et al., Travel Med. Infect. Dis., 2015, sous presse.

<http://www.sciencedirect.com/science/article/pii/S1477893915000873>

Atypical rabies encephalitis in a six-year-old boy: Clinical, radiological and laboratory findings.

Karande S. et al., Int. J. Infect. Dis., 2015, sous presse.

<http://www.sciencedirect.com/science/article/pii/S1201971215001125#>

A study of compliance of animal bite victims to 4 dose intradermal schedule of anti-rabies vaccine and factors affecting it.

Malkar V.R. et al., Int. J. Comm. Med. Public Health, 2015, 2, n°2, pp 156-161.

<http://www.scopemed.org/fulltextpdf.php?mno=181037>

Utility of forensic detection of rabies virus in decomposed exhumed dog carcasses.

Markotter W ; et al., J. South Afr. Vet. Ass., 2015 , 86, n°1, 5 p.

<http://jsava.co.za/index.php/jsava/article/viewFile/1220/1617>

Epidemiology, prevention and control methods of rabies in domestic animals: review article.

Moges N., Eur. J. Biol. Sci., 2015, 7, n°2, pp 85-90.

[http://idosi.org/ejbs/7\(2\)15/7.pdf](http://idosi.org/ejbs/7(2)15/7.pdf)

Co-culture: A quick approach for isolation of street rabies virus in murine neuroblastoma cells.

Sasikalaveni A. et al., Vet. World, 2015, sous presse.

<http://www.veterinaryworld.org/Vol.8/May-2015/14.pdf>

Regulatory acceptance and use of serology for inactivated veterinary rabies vaccines.

Schiffelers M.J. et al., Altex, 2015, sous presse.

<http://www.ncbi.nlm.nih.gov/pubmed/25936354>

Generation and characterization of neutralizing human recombinant antibodies against antigenic site II of rabies virus glycoprotein (VAC11P.1106).

Sun L. Et al., J. Immunol., 2015, 194

http://www.jimmunol.org/content/194/1_Supplement/212.14.short

Cattle rabies vaccination—A longitudinal study of rabies antibody titres in an Israeli dairy herd.

Yakobson B. et al., Prev. Vet. Med., 2015, sous presse.

<http://www.sciencedirect.com/science/article/pii/S0167587715001907#>

The “Milwaukee protocol” for treatment of human rabies is no longer valid.

Wilde H. et al., Pediatric Infect. Dis. J., 2015, 34, n°6, pp 678-679.

http://journals.lww.com/pidj/Citation/2015/06000/The_Milwaukee_Protocol_for_Treatment_of_Human.34.aspx

Reverse genetics of rabies virus: new strategies to attenuate virus virulence for vaccine development.

Zhu S. Et al., J. Neurovirol., 2015, sous presse.

<http://rd.springer.com/article/10.1007/s13365-015-0350-2#>

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